

Table ENG-2. - Construction Materials

Lunenburg County, Virginia

The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 0.99. The smaller the value, the greater the limitation.

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1B2:							
Appling	80	Poor		Good		Poor	
		Too clayey	0.00			Too Clayey	0.00
		Low content of organic matter	0.13			Too acid	0.88
		Too acid	0.32				
Worsham	3	Not Rated		Not Rated		Not Rated	
1C2:							
Appling	80	Poor		Good		Poor	
		Too clayey	0.00			Too Clayey	0.00
		Low content of organic matter	0.13			Slope	0.63
		Too acid	0.32			Too acid	0.88
Worsham	3	Not Rated		Not Rated		Not Rated	
2C:							
Ashlar	80	Poor		Poor		Poor	
		Wind erosion	0.00	Depth to bedrock	0.00	Too sandy	0.00
		Droughty	0.00			Depth to bedrock	0.54
		Too sandy	0.00			Slope	0.63
2D:							
Ashlar	80	Poor		Poor		Poor	
		Wind erosion	0.00	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.00	Slope	0.50	Too sandy	0.00
		Too sandy	0.00			Depth to bedrock	0.54
2E:							
Ashlar	80	Poor		Poor		Poor	
		Wind erosion	0.00	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.00	Slope	0.00	Too sandy	0.00
		Too sandy	0.00			Depth to bedrock	0.54
3B:							
Bolling	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Too acid	0.89	Shrink-swell	0.99		
Chewacla	3	Not Rated		Not Rated		Not Rated	
Forestdale	2	Not Rated		Not Rated		Not Rated	

4B:

Table ENG-2. - Construction Materials - Continued

Lunenburg County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
4B:							
Caroline	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.12	Shrink-swell	0.94	Too acid	0.60
		Low content of organic matter	0.13				
Worsham	3	Not Rated		Not Rated		Not Rated	
5B2:							
Cecil	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.02			Too acid	0.88
		Too acid	0.32				
5C2:							
Cecil	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.02			Slope	0.63
		Too acid	0.32			Too acid	0.88
6:							
Chewacla	30	Fair		Poor		Poor	
		Too acid	0.68	Depth to saturated zone	0.00	Depth to saturated zone	0.00
Toccoa	30	Fair		Good		Good	
		Low content of organic matter	0.13				
		Too acid	0.84				
Augusta	20	Fair		Fair		Fair	
		Low content of organic matter	0.13	Depth to saturated zone	0.14	Depth to saturated zone	0.14
		Too acid	0.54	Low strength	0.78	Rock fragments	0.97
						Too acid	0.98
7:							
Forestdale	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.54	Depth to saturated zone	0.04	Depth to saturated zone	0.04
		Low content of organic matter	0.88	Shrink-swell	0.33	Too acid	0.98
Chewacla	5	Not Rated		Not Rated		Not Rated	

8B2:

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
8B2:							
Georgeville	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Too Clayey	0.57
		Too acid	0.32			Too acid	0.88
		Water erosion	0.90				
8C2:							
Georgeville	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Too Clayey	0.57
		Too acid	0.32			Slope	0.63
		Water erosion	0.90			Too acid	0.88
9D:							
Goldston	85	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Depth to bedrock	0.00
		Low content of organic matter	0.13			Rock fragments	0.00
10B:							
Helena	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.12	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Low content of organic matter	0.13	Shrink-swell	0.74	Too acid	0.60
Worsham	3	Not Rated		Not Rated		Not Rated	
10C2:							
Helena	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.12	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Low content of organic matter	0.13	Shrink-swell	0.74	Too acid	0.60
Worsham	3	Not Rated		Not Rated		Not Rated	
11B2:							
Herndon	80	Poor		Good		Poor	
		Too clayey	0.00	No strength limitation	>0.99	Too Clayey	0.00
		Too acid	0.12			Too acid	0.60
		Low content of organic matter	0.13				
11C2:							

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
11C2: Herndon	80	Poor Too clayey Too acid Low content of organic matter	0.00 0.12 0.13	Good No strength limitation	>0.99	Poor Too Clayey Too acid Slope	0.00 0.60 0.63
12B: Iredell	80	Poor Too clayey Low content of organic matter Too acid	0.00 0.13 0.50	Fair Shrink-swell Depth to saturated zone	0.11 0.14	Poor Too Clayey Depth to saturated zone	0.00 0.14
12C2: Iredell	80	Poor Too clayey Low content of organic matter Too acid	0.00 0.13 0.50	Fair Shrink-swell Depth to saturated zone	0.11 0.14	Poor Too Clayey Depth to saturated zone Slope	0.00 0.14 0.96
13B: Lignum	80	Poor Too clayey Low content of organic matter Too acid	0.00 0.13 0.50	Poor Low strength Depth to saturated zone Depth to bedrock	0.00 0.29 0.58	Poor Too Clayey Depth to saturated zone Rock fragments	0.00 0.29 0.50
13C2: Lignum	80	Poor Too clayey Low content of organic matter Too acid	0.00 0.13 0.50	Poor Low strength Depth to saturated zone Depth to bedrock	0.00 0.29 0.58	Poor Too Clayey Depth to saturated zone Rock fragments	0.00 0.29 0.50
14B2: Madison	85	Poor Too clayey Low content of organic matter Too acid	0.00 0.13 0.32	Good		Poor Too Clayey Too acid	0.00 0.88
14C2: Madison	85	Poor Too clayey Low content of organic matter Too acid	0.00 0.13 0.32	Good		Poor Too Clayey Slope Too acid	0.00 0.63 0.88
14D2:							

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
14D2: Madison	80	Poor Too clayey Low content of organic matter Too acid	 0.00 0.13 0.32	Fair Slope	 0.08	Poor Slope Too Clayey Too acid	 0.00 0.00 0.88
15B: Masada	80	Poor Too clayey Low content of organic matter Too acid	 0.00 0.13 0.32	Poor Low strength Shrink-swell	 0.00 0.89	Poor Too Clayey Rock fragments Too acid	 0.00 0.88 0.88
Chewacla	3	Not Rated		Not Rated		Not Rated	
16B2: Mecklenburg	80	Poor Too clayey Low content of organic matter Too acid	 0.00 0.13 0.50	Good		Poor Too Clayey	 0.00
16C2: Mecklenburg	80	Poor Too clayey Low content of organic matter Too acid	 0.00 0.13 0.50	Good		Poor Too Clayey Slope	 0.00 0.63
16D2: Mecklenburg	80	Poor Too clayey Low content of organic matter Too acid	 0.00 0.13 0.50	Fair Slope	 0.82	Poor Slope Too Clayey	 0.00 0.00
17D2: Nason	75	Poor Too clayey Low content of organic matter Too acid	 0.00 0.13 0.50	Poor Low strength Slope Depth to bedrock	 0.00 0.50 0.58	Poor Slope Too Clayey Too acid	 0.00 0.00 0.88
18B: Orange	80	Poor Too clayey Low content of organic matter Too acid	 0.00 0.13 0.84	Poor Low strength Depth to saturated zone Depth to bedrock	 0.00 0.53 0.58	Poor Too Clayey Rock fragments Depth to saturated zone	 0.00 0.50 0.53

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
18B: Worsham	3	Not Rated		Not Rated		Not Rated	
19D2: Pacolet	80	Poor Too clayey Low content of organic matter Too acid	0.00 0.13 0.54	Fair Slope	0.08	Poor Slope Too Clayey Rock fragments	0.00 0.00 0.50
20D: Poindexter	80	Fair Droughty Low content of organic matter Depth to bedrock	0.03 0.13 0.54	Poor Depth to bedrock Low strength Slope	0.00 0.00 0.50	Poor Slope Depth to bedrock	0.00 0.54
20E: Poindexter	80	Fair Droughty Low content of organic matter Depth to bedrock	0.03 0.13 0.54	Poor Depth to bedrock Slope Low strength	0.00 0.00 0.00	Poor Slope Depth to bedrock	0.00 0.54
21D2: Tatum	80	Poor Too clayey Low content of organic matter Too acid	0.00 0.13 0.50	Poor Low strength Slope Depth to bedrock	0.00 0.08 0.58	Poor Slope Too Clayey Rock fragments	0.00 0.00 0.88
22B: Turbeville	80	Poor Too clayey Low content of organic matter Too acid	0.00 0.13 0.50	Poor Low strength Shrink-swell	0.00 0.89	Poor Too Clayey Too acid	0.00 0.88
23D2: Wedowee	80	Poor Too clayey Low content of organic matter Too acid	0.00 0.13 0.50	Fair Slope	0.08	Poor Slope Too Clayey Too acid	0.00 0.00 0.60
24B: Worsham	80	Poor Too clayey Too acid Low content of organic matter	0.00 0.32 0.88	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.87	Poor Depth to saturated zone Too Clayey Too acid	0.00 0.00 0.88

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
24B:							
Chewacla	5	Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	